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## Carbon Invaders Project proposal

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Prepared by: 

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## 1 Project executive summary

*The executive summary provides a summary of the project definition document.*

### Project Name:

**Team Name:** 350 Live

**Team Members:** Anton Smith, Tony Ayoub, Jamian Piri

**Client:** Ella Lawton

**Project Sponsor:** Otago Polytechnic

**Project Supervisors:** Lesley Smith, Samuel Mann

### Project Description:

**Goal:** To help build awareness in children about the effects of CO<sub>2</sub> in the atmosphere and to try and get them to do their part in reducing the amount of CO<sub>2</sub> from over 387PPM (Parts per million) down to 350PPM

**Objectives:** To make the children learn by playing a fun but also informative game.

### Deliverables:

	<i>Details</i>	<i>Estimated Date</i>
• Project Start		30 July 2009
•		
• Release One		
• Release Two		
• Release Three		
•		
• Project End		

### Development Estimates (person/hours):

Client:.....

Project Team:.....

.....

.....

Date:.....

Date:.....

Otago Polytechnic Bachelor of Information Technology Software Engineering

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## Section Two: Business Outline

### 2 Business statements

350 hopes to shine a spotlight on the work of existing organizations, highlighting everyone's incredible work and knitting these many efforts together for a powerful and unified call to action--a call that is global, scientific, and specific. By providing a common platform with the 350 target, we can help to stitch together a whole that is truly greater than the sum of its parts, a diverse movement that speaks with one collective voice.

#### **Client Mission Statement:**

350's mission statement is to inspire the world to rise to the challenge of the climate crisis--to create a new sense of urgency and of possibility for our planet.

#### **Business description:**

350 are primarily promoting and raising awareness of the effects of carbon emissions in the atmosphere the effects it inflicts and how detrimental it could possibly be for future generations. The purpose of the 350 campaign is to inform normal everyday people, businesses and large corporations that there are ways to combat this increasing threat and that they can make a difference to the future of the planet.

This year, 350 are working on creating a grassroots movement connected by the web and active all over the world.

The United Nations is working on a global climate treaty, which is supposed to be completed in December of 2009 at a conference in Copenhagen, Denmark. But the current plans for the treaty are much too weak to get us back to safety. This treaty needs to put a high enough price on carbon that we stop using so much. It also needs to ensure poor countries a fair chance to develop.

350 can hold our decision-makers accountable to producing a treaty that is strong, equitable, and grounded in the latest science. On 24 October, 350 is holding a Global Day of Climate Action to do just this.

If this global movement succeeds, 350 can get the world on track to get back to 350 and back to climate safety. It won't be easy, that's why 350 needs all the help we can get.

#### **Business objectives:**

350's focus is to build awareness in society about the effects of CO<sub>2</sub> in the atmosphere and to try and get them to do their part in reducing the amount of CO<sub>2</sub> from over 387ppm (parts per million) down to 350ppm.

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## Section Three: Methodology

### 3 Project Methodology

*Describe the methodology adopted. Justify this decision and describe the consequences of the chosen methodology.*

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## Section Four: Project Outline

### 4 Project Outline

#### Project Description

*Describe in general terms the purpose of the project. Refer to the client's mission statement.*

### 5 Project risks

*Assessing project feasibility*

*Project risks are circumstances or events that exist outside of the control of the project team that will have an adverse impact on the project if they occur. (In other words, whereas an issue is a current problem that must be dealt with, a risk is a potential future problem that has not yet occurred.) All projects contain some risks. It may not be possible to eliminate risks entirely, but they can be anticipated and managed, thereby reducing the probability that they will occur.*

*Risks that have a high probability of occurring and have a high negative impact should be listed below. Also consider those risks that have a medium probability of occurring. For each risk listed, identify activities to perform to eliminate or mitigate the risk.*

*Risk needs to be considered in a number of areas:*

#### Economic Feasibility

*Assuming a successful outcome, what business benefits could result? If the project does not succeed, the loss of these benefits may be a risk to the business. Tangible benefits are those that can be measured in direct financial terms. Intangibles are harder to measure but can contribute to overall success or failure. Many businesses do not take intangible benefits into account.*

*Examples of tangible and intangible benefits.*

<i>Tangible benefits:</i>	<i>Intangible benefits:</i>
<i>Cost reduction/avoidance</i>	<i>Faster decision making</i>
<i>Saving of labour hours</i>	<i>Employee morale</i>
<i>Error reduction</i>	<i>Increased accuracy</i>
<i>Increased flexibility</i>	

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<i>Increased speed of activity</i>	
<i>Improved management and control</i>	

*Make your own list of benefits specific to your project. Provide as much detail as you can and explain your decisions.*

### Technical Feasibility

*These are the risks involved in the development.*

*A) Big is riskier*

*- number of people - duration time - departments - size of programming effort*

*B) Ill defined, ill structured, messy or subjective = a more risky project than a tightly defined one.*

*C) Team management – is the team experienced in this type of project? Are they an established and effective team?*

*Write a paragraph describing the risk level of the project taking into account the factors above.*

### Operational Feasibility

*Degree to which proposed system is likely to solve the business problems take advantage of the business opportunities. What are the consequences of failure?*

### Legal, Ethical and Contractual Feasibility

*Potential legal and ethical ramifications of construction of system.*

*Does the client expect confidentiality? What steps will you take to ensure this?*

### Political Feasibility

*How do key stakeholders view the system? Projects promoted with a 'top down' approach can fail due to lack of support from key users.*

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## Risk Action Plan

*For the risks you have identified in the above sections, describe what steps you will take to minimize the impact.*

Risk Area	Level (H/M/L)	Risk Plan
1. Project risk #1		Risk plan activity #1, etc.
2. Project risk #2		